

## ABSTRACT OF THE DISCLOSURE

A discharging circuit, connected to both terminals of a lithium battery, includes a first discharge resistor, a second discharge resistor, and a 5 transistor for occasionally discharging the lithium battery to reduce the SOC difference among respective lithium batteries constituting a combination battery. A voltage detecting circuit detects a terminal voltage of the lithium battery via the first discharge resistor. A discharge controller judges a failure occurring in the discharging circuit based on a comparison between a 10 terminal voltage value detected when the transistor is turned on and a terminal voltage value detected when the transistor is turned off.